

Special Guidance for migrating GDAAC DMS OPS DB from SUN to SGI.

NCR37829 – Move DMS DB to xxacgmn for Sun Consolidation. This NCR was closed; however, the original Patch_6A.07_DMS_10A patch had errors in the *.dat files. Therefore, subsequent fixes were later merged to the 6A08/RelB baselines but not delivered to GDAAC. Need to ensure that we apply the most up-to-date *.dat files, else we will have to run the EcDmDbVALID_NCRXXXXXX.ksh scripts in a specific order for the entry database portion. DMS OPS is currently sitting at 6203 (6A08).

NCR39231 – Fixes additional entries in the .dat files and will be tied to the SUN consolidation at GDAAC.

PRIOR TO BUILDING DMS

Run the DmDdBcpCopyOut.csh script from /usr/ecs/OPS/CUSTOM/dbms/DMS
Ensure that the **DmDdSite table is NOT BCPed** from the data/DDictData/DmDdSite.dat
This is where the initial value of zero is defined for max values for collection and attribute. If it is inadvertently bcped then perform the following workaround:
Insert max(attributeId) from DmDdEquivalentAttributes into attributeIdMax.DmDdSite
Insert max(collectionId) from DmDdECSCollection into collectionIdMax.DmDdSite

*Note: The EcDmDdDbBuild script makes a call to a DmDdSiteData.sql script that actually zeroes out the collection and attribute columns in the DmDdSite table.
Recommend commenting out entries in the DmDdSiteData.sql script.*

AFTER BUILDING DMS ENSURE THE CONTENTS OF THE FOLLOWING SCRIPTS LISTED BELOW ARE PRESENT IN DMS DATABASE:

EcDmDbVALID_NCR38568 – TOMS/Nimbus-7
EcDmDbVALID_NCR38768 – OCTS, TMI, VIRS, PR
EcDmDbVALID_NCR38808 – Adds 2.3um, 2.4um, 4.7um Radiometer, SSM/I and VISSR to DMS database. These entries did not have inserts in the DMS database tables; however, they were preset in the *.dat file. GDAAC manually inserted these values into DMS. If we build using last set of corrected *.dat files the order of execution of the scripts will not be needed nor the running of these scripts.

CHECK THE DmDdSite TABLE VALUES

NCR38621 addresses problem with GDAAC *.dat files but was closed in favor of NCR38776 which addresses the corruption of DMS database with the “Orbview-2” entry in PlatformShortName.DmDdPlatform. It turned out that the DmDdProcMsg.C custom code needed to be modified. The binary files (.exe) were delivered. Along with this patch is a sdsrv patch (NCR39023 – Update Altitude Resolution for UARS).

Patch_6A08_DMS.01 was delivered on September 25, 2003.

NCR38245 - *.dat files were modified but the follow problem was found:

DmDdValidsMapping – Missing Attenuated Backscatter from the DmDdValidsMapping.dat file and the DmDdValidsMapping DB table.

DmDdECSVariable – Missing Viewing Geometry from DMS DB but it resides in the DmDdECSVariable.dat file.

NCR38316 – Delivers DmDdBcpCopyInNew.ksh script

SSM/I does not show Passive Microwave (ref:38768)

The last script received from Landover was 37467